

Appl. No.: 10/040,438
Arndt. dated: November 25, 2005
Reply to Office Action of July 26, 2005

Listing of Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1-14. (Cancelled)

15. (Currently Amended) An image interpolation method, comprising:

for three or more images, obtaining correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image[;]such that generating an intermediate image can be generated between the first image and the second image based on the correspondence information; and

providing an electronic commerce commodity presentation function that generates one or more intermediate images by interpolating the three or more images in at least two dimensions based on the three or more images and the correspondence information, when the intermediate image is generated.

16. (Currently Amended) An image interpolation method, comprising:

for three or more images, obtaining correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image[;]such that generating an intermediate image can be generated between the first image and the second image

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based on the correspondence information; and

providing an image-effect function that generates one or more intermediate images by interpolating the three or more images in at least two dimensions based on the three or more images and the correspondence information, when the intermediate image is generated.

17. (Currently Amended) An image interpolation method, comprising:

obtaining correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image;

generating [[an]] intermediate image images between the first image and the second image based on the correspondence information; and

providing a utility function for specifying a number of intermediate images to be generated in generating a motion picture when the intermediate images are image is generated.

18. (Currently Amended) An image interpolation method, comprising:

obtaining correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image;

generating an intermediate image between the first image and the second image based on the correspondence information; and

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performing the generation of the intermediate image based on a mobile function which assumes application to a mobile device under which the intermediate image is generated based on said correspondence information and one of the first image and the second image.

19. (Original) The method of claim 15, wherein said commodity presentation function comprises displaying a commodity rotating according to an instruction from a user.

20. (Cancelled)

21. (Currently amended) The method of claim 16, wherein the image-effect function comprises:

sequentially choosing sets of two images out of the three or more images a plurality of images as the first image and the second image on each of two distinct axes;
generating intermediate images on each of the axes; and
interpolating between said generated intermediate images on each of the axes to generate resulting intermediate images; and
smoothly displaying the resulting intermediate images image generated from the sequentially chosen two images.

22. (Cancelled)

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23. (Cancelled)

24. (Currently Amended) The method of claim [[23]] 17, wherein the specification of the number of intermediate images to be generated is obtained from a user.

25. (Cancelled)

26. (Currently Amended) The method of claim [[25]] 18, wherein the intermediate image is generated through performing a streaming process for either the first image or the second image and said correspondence information.

27. (Currently Amended) An image interpolation apparatus, comprising an intermediate image generating unit which, for three or more images, obtains correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image such that, and generates an intermediate image can be generated between the first image and the second image based on the correspondence information, wherein said intermediate image generating unit provides an electronic commerce commodity presentation function that generates one or more intermediate images by interpolating the three or more images in at least two dimensions based on the three or more images and the correspondence information, when the intermediate image is generated.

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28. (Currently Amended) An image interpolation apparatus, comprising an intermediate image generating unit which, for three or more images, obtains correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image such that, and generates an intermediate image can be generated between the first image and the second image based on the correspondence information, wherein said intermediate image generating unit provides an image-effect function that generates one or more intermediate images by interpolating the three or more images in at least two dimensions based on the three or more images and the correspondence information, when the intermediate image is generated.

29. (Currently Amended) An image interpolation apparatus, comprising an intermediate image generating unit which obtains correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image, and generates one or more[(an)] intermediate images image between the first image and the second image based on the correspondence information, wherein said intermediate image generating unit provides a utility function for generating a motion picture based on said when the intermediate images, image is generated and wherein said utility function includes a function for specifying a number of intermediate images to be generated.

30. (Currently Amended) An image interpolation apparatus, comprising an intermediate

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image generating unit which obtains correspondence information between a source polygon which constitutes a mesh provided on a first image and a destination polygon which constitutes a mesh on a second image, and generates an intermediate image between the first image and the second image based on the correspondence information, wherein said intermediate image generating unit displays the intermediate image based on a mobile function which assumes application to a mobile device under which the displaying the intermediate image is based on said correspondence information and one of the first image and the second image.

31. (Original) The apparatus of claim 27, wherein said commodity presentation function comprises displaying a commodity rotating according to an instruction from a user.

32. (Cancelled)

33. (Original) The apparatus of claim 28, wherein the image-effect function comprises sequentially choosing two images out of a plurality of images as the first image and the second image, and smoothly displaying the intermediate image generated from the sequentially chosen two images.

34. (Cancelled)

35. (Cancelled)

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36. (Currently Amended) The apparatus of claim [[35]] 29, wherein the specification of the number of intermediate images to be generated is obtained from a user.

37. (Cancelled)

38. (Currently Amended) The apparatus of claim [[37]] 30, wherein the intermediate image is generated through performing a streaming process for either the first image or the second image and said correspondence information.

39. (Original) The apparatus of claim 27, further comprising a display unit which adjusts a timing of the intermediate image, the first image, and the second image and displays these images.

40. (Original) The apparatus of claim 28, further comprising a display unit which adjusts a timing of the intermediate image, the first image, and the second image and displays these images.

41. (Original) The apparatus of claim 29, further comprising a display unit which adjusts a timing of the intermediate image, the first image, and the second image and displays these images.

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42. (Original)The apparatus of claim 30, further comprising a display unit which adjusts a timing of the intermediate image, the first image, and the second image and displays these images.

43-46. (Cancelled)